Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1 Report Date: 05/04/2011

Page: 4

Length of Study: CHRONIC

Route: GAVAGE Vehicle: CORN OIL

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
					Male		
Battelle Columbus Laboratory	059903104	03/17/05	726	50(1)	34(687)	54.6	Ginkgo biloba extract
Battelle Columbus Laboratory	058810504	05/09/02	728	50(1)	39(688)	56.7	Isoeugenol
Battelle Columbus Laboratory	052000706	08/24/04	730	50(1)	34(689)	56.4	Kava kava extract
Battelle Columbus Laboratory	059902304	04/11/02	728	50(1)	34(692)	56.2	beta-Myrcene
Battelle Columbus Laboratory	052010704	10/26/04	730	50(1)	34(665)	55.7	N,N-Dimethyl-p-toluidine
Battelle Columbus Laboratory	059902006	04/15/03	730	50(1)	38(691)	56.6	Pulegone
Battelle Columbus Laboratory	058814807	02/04/03	728	50(1)	35(702)	52.7	3,3',4,4'-Tetrachloroazobenzene
					Female		
Battelle Columbus Laboratory	059903104	03/18/05	727	50(5)	31(628)	64.5	Ginkgo biloba extract
Battelle Columbus Laboratory	058810504	05/08/02	727	49(5)	34(679)	65.0	Isoeugenol
Battelle Columbus Laboratory	052000706	08/23/04	729	50(5)	38(695)	66.2	Kava kava extract
Battelle Columbus Laboratory	059902304	04/10/02	727	50(5)	39(705)	64.1	beta-Myrcene
Battelle Columbus Laboratory	052010704	10/25/04	729	50(5)	43(715)	66.6	N,N-Dimethyl-p-toluidine
Battelle Columbus Laboratory	059902006	04/14/03	729	49(5)	35(705)	64.9	Pulegone
Battelle Columbus Laboratory	058814807	02/03/03	731	50(5)	35(675)	63.2	3,3',4,4'-Tetrachloroazobenzene

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Page: 5

			Male				Female	
#All Organs: Benign Tumors								
		38/50 (76%)	33/50 (66%)	34/50 (68%)		25/50 (50%)	20/49 (41%)	26/50 (52%)
		33/50 (66%)	36/50 (72%)	30/50 (60%)		21/50 (42%)	24/50 (48%)	27/49 (55%)
Overall Incidence	Total	30/50 (60%) 234/350 (66.86%)	Mean 66.86%	SD 5.87%	Total	24/50 (48%) 167/348 (47.99%)	Mean 47.99%	SD 5.13%
#All Organs: Malignant Tumors								
		35/50 (70%)	20/50 (40%)	32/50 (64%)		28/50 (56%)	21/49 (43%)	19/50 (38%)
		30/50 (60%)	29/50 (58%)	19/50 (38%)		14/50 (28%)	21/50 (42%)	20/49 (41%)
		28/50 (56%)				13/50 (26%)		
Overall Incidence	Total	193/350 (55.14%)	Mean 55.14%	SD 11.94%	Total	136/348 (39.08%)	Mean 39.1%	SD 10.06%
#All Organs: Malignant and Benign 1								
		44/50 (88%)	43/50 (86%)	47/50 (94%)		35/50 (70%)	34/49 (69%)	39/50 (78%)
		43/50 (86%)	45/50 (90%)	38/50 (76%)		30/50 (60%)	35/50 (70%)	40/49 (82%)
		41/50 (82%)				29/50 (58%)		
Overall Incidence	Total	301/350 (86%)	Mean 86%	SD 5.77%	Total	242/348 (69.54%)	Mean 69.57%	SD 8.59%
#All Organs: Hemangioma								
J		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	1/50 (2%)	1/49 (2%)
		0/50 (0%)	` '	, ,		1/50 (2%)	, ,	, ,
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 1.51%	Total	5/348 (1.44%)	Mean 1.43%	SD 1.51%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 05/04/2011

Page: 6

			Male				Female	
#All Organs: Hemangiosarcoma								
		9/50 (18%)	3/50 (6%)	6/50 (12%)		2/50 (4%)	1/49 (2%)	1/50 (2%)
		7/50 (14%) 3/50 (6%)	8/50 (16%)	3/50 (6%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	3/49 (6%)
Overall Incidence	Total	39/350 (11.14%)	Mean 11.14%	SD 5.15%	Total	8/348 (2.3%)	Mean 2.31%	SD 2.17%
#All Organs: Hemangiosarcoma or H								•••••
		9/50 (18%)	3/50 (6%)	8/50 (16%)		2/50 (4%)	1/49 (2%)	1/50 (2%)
		7/50 (14%) 3/50 (6%)	8/50 (16%)	3/50 (6%)		3/50 (6%) 1/50 (2%)	1/50 (2%)	4/49 (8%)
Overall Incidence	Total	41/350 (11.71%)	Mean 11.71%	SD 5.47%	Total	13/348 (3.74%)	Mean 3.74%	SD 2.47%
#All Organs: Histiocytic Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/49 (0%)	3/50 (6%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	3/49 (6%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	8/348 (2.3%)	Mean 2.3%	SD 2.72%
#All Organs: Malignant Lymphoma: F	listiocytic, Lyn	nphocytic, Mixed, NOS, o	r Undifferentiated Cell	Туре				•••••
		1/50 (2%)	0/50 (0%)	2/50 (4%)		11/50 (22%)	11/49 (22%)	6/50 (12%)
		1/50 (2%) 1/50 (2%)	4/50 (8%)	1/50 (2%)		7/50 (14%) 2/50 (4%)	15/50 (30%)	6/49 (12%)
Overall Incidence	Total	10/350 (2.86%)	Mean 2.86%	SD 2.54%	Total	58/348 (16.67%)	Mean 16.67%	SD 8.65%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

.....

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female** #All Organs: Mesothelioma: Benign 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0% **#All Organs:** Mesothelioma: Benign, Malignant, NOS 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)(0%)0/49 0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)(0%)0/50 0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0% #All Organs: Mesothelioma: Malignant 0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/49 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)(0%)0/50 **Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) SD 0% Mean 0% **#All Organs:** Osteoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0%

Page: 7

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 8

Report Date: 05/04/2011

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #All Organs: Osteosarcoma 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)1/49 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)Mean 0.29% SD 0.77% **Overall Incidence** Total 1/350 (0.29%) SD 0.76% Total 1/348 (0.29%) Mean 0.29% #All Organs: Osteosarcoma or Osteoma 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)1/49 (2%)0/50 (0%)(0%)0/50 0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/49 (0%)(0%)0/50 0/50 (0%)**Overall Incidence** Total 1/350 (0.29%) Mean 0.29% SD 0.76% Total 1/348 (0.29%) Mean 0.29% SD 0.77% *Adrenal Cortex: Adenoma 0/50 0/50 1/50 (2%)3/50 (6%)(0%)0/50 (0%)0/48 (0%)(0%)2/50 (4%)3/50 (6%)1/50 (2%)1/50 (2%)0/50 (0%)1/49 (2%)3/50 (6%)0/49 (0%)**Overall Incidence** Total 13/350 (3.71%) SD 2.43% 2/346 (0.58%) Mean 0.58% SD 0.99% Mean 3.71% Total *Adrenal Cortex: **Plasma Cell Tumor Malignant** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)

SD 0%

.....

0/49

0/346 (0%)

Total

(0%)

Mean 0%

SD 0%

Total

0/50

0/350 (0%)

(0%)

Mean 0%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 9

			Male				Female	
*Adrenal Medulla: Pheochromocytoma Be	enign							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	2/50 (4%)	1/49 (2%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	3/346 (0.87%)	Mean 0.86%	SD 1.58%
*Adrenal Medulla: Pheochromocytoma Ma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				1/49 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/346 (0.29%)	Mean 0.29%	SD 0.77%
*Adrenal Medulla: Pheochromocytoma: B								
	omgii, compion	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	2/50 (4%)	1/49 (2%)
		0/50 (0%)	, ,	, ,		1/49 (2%)	, ,	, ,
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	4/346 (1.16%)	Mean 1.15%	SD 1.58%
*Bone Marrow: Hemangioma		•••••		•••••		•••••		
ŭ		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/48 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	, ,	, ,		0/50 (0%)	, ,	, ,
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/347 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Page: 10

Report Date: 05/04/2011

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female** *Bone Marrow: Hemangiosarcoma 0/50 (0%)0/50 (0%)2/50 (4%)0/50 (0%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(2%)0/50 (0%)0/50 (0%)Mean 0.57% **Overall Incidence** Total 2/350 (0.57%) SD 1.51% Total 1/347 (0.29%) Mean 0.29% SD 0.77% *Bone Marrow: **Plasma Cell Tumor Malignant** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)(0%)0/50 0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/347 (0%) Mean 0% SD 0% #Bone: Hemangiosarcoma 0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/49 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)(0%)0/50 **Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% 0/348 (0%) SD 0% Total Mean 0% #Bone: Osteoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0%

.....

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

ups Report Date: 05/04/2011

Page: 11

			Male				Female	
#Bone: Osteosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/49 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.77%
#Bone: Osteosarcoma or Osteom								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/49 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.77%
*Brain: Meningioma Benign								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%
*Brain: Meningioma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		1/50 (2%)	, ,	, ,		0/49 (0%)	, ,	,
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/347 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 12

			Male				Female	
*Brain: Meningioma: Benign, Ma	alignant, NOS							
		0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/347 (0%)	Mean 0%	SD 0%
*Brain: Oligodendroglioma Mali								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%
*Brain: Oligodendroglioma, Glio	oma, or Astrocy	/toma						
	,	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%
*Brain: Schwannoma Malignant								
•		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 13

			Male				Female	
*Clitoral/Preputial Gland: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/341 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)				1/49 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/341 (0.29%)	Mean 0.29%	SD 0.77%
Clitoral/Preputial Gland:								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)				1/49 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/341 (0.29%)	Mean 0.29%	SD 0.77%
Clitoral/Preputial Gland:								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/341 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 14

			Male				Female	
*Clitoral/Preputial Gland: Hemangiosarcoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/49 (0%)	0/47 (0%) 0/50 (0%)	0/49 (0%) 0/47 (0%)
Overall Incidence	Total	0/50 (0%) 1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/49 (0%) 0/341 (0%)	Mean 0%	SD 0%
#Esophagus: Squamous Cell Carcinoma		•••••				•••••		
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Eye: Sarcoma						•••••		
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Harderian Gland: Adenoma								
		4/50 (8%) 9/50 (18%) 6/50 (12%)	8/50 (16%) 11/50 (22%)	5/50 (10%) 6/50 (12%)		5/50 (10%) 4/50 (8%) 14/50 (28%)	3/49 (6%) 1/50 (2%)	5/50 (10%) 7/49 (14%)
Overall Incidence	Total	49/350 (14%)	Mean 14%	SD 4.9%	Total	39/348 (11.21%)	Mean 11.2%	SD 8.32%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 15

			Male		Female 1/50 (2%) 1/49 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/49 (2%) 0/50 (0%) Total 3/348 (0.86%) Mean 0.87% SD 1.08% 6/50 (12%) 4/49 (8%) 5/50 (10%) 4/50 (8%) 1/50 (2%) 8/49 (16%) 14/50 (28%) Total 42/348 (12.07%) Mean 12.07% SD 8.26%			
#Harderian Gland: Carcinoma								
		3/50 (6%) 1/50 (2%)	4/50 (8%) 0/50 (0%)	0/50 (0%) 1/50 (2%)		` '	` ,	` ,
		0/50 (2%)	0/50 (0%)	1/30 (2%)		` '	0/30 (0%)	1/49 (2%)
Overall Incidence	Total	9/350 (2.57%)	Mean 2.57%	SD 3.21%	Total	3/348 (0.86%)	Mean 0.87%	SD 1.08%
#Harderian Gland: Carcinoma or Adenoma								
		7/50 (14%)	12/50 (24%)	5/50 (10%)		` ,	` ,	` ,
		9/50 (18%) 6/50 (12%)	11/50 (22%)	7/50 (14%)		` '	1/50 (2%)	8/49 (16%)
Overall Incidence	Total	57/350 (16.29%)	Mean 16.29%	SD 5.22%	Total	` '	Mean 12.07%	SD 8.26%
#Harderian Gland: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
Heart: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/347 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 16

			Male				Female	
#Intestine Large: Cecum: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/50 (0%) 0/350 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/348 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Carcinoma		•••••						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Carcinoma or Adenoma		•••••						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyoma								
-		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/50 (0%) 0/350 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 17

			Male				Female	
#Intestine Large: Colon/Rect Leiomyosarcoma	um:							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma		•••••						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	1/50 (2%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Intestine Small: Duodenum: Carcinoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Leiomyosarcoma								
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 18

			Male				Female	
#Intestine Small: Duodenum Polyp Adenomatous	:							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Carcinoma							•••••	
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Polyp Adenomatous								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 19

			Male				Female	
#Intestine Small: Jejunum: Adenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	1/50 (2%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Intestine Small: Jejunum: Carcinoma		•••••						
		1/50 (2%) 0/50 (0%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	4/350 (1.14%)	Mean 1.14%	SD 1.57%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Intestine Small: Jejunum: Hemangiosarcoma		•••••						
		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Leiomyosarcoma								
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 20

			Male				Female	
#Intestine Small: Site Uns	specified:							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	2/50 (4%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	2/50 (4%) 0/49 (0%)
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 1.51%	Total	2/348 (0.57%)	Mean 0.57%	SD 1.51%
#Intestine Small: Site Uns Carcinoma	specified:							
		1/50 (2%) 0/50 (0%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	4/350 (1.14%)	Mean 1.14%	SD 1.57%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Intestine Small: Site Uns	•							
		1/50 (2%) 0/50 (0%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	3/50 (6%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	2/50 (4%) 0/49 (0%)
Overall Incidence	Total	6/350 (1.71%)	Mean 1.71%	SD 2.43%	Total	3/348 (0.86%)	Mean 0.86%	SD 1.57%
#Intestine Small: Site Uns Hemangiosarcoma								
. .		0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%) 1/50 (2%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 0.98%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 21 Report Date: 05/04/2011

			Male				Female	
#Intestine Small: Site Uns Leiomyosarcoma	pecified:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/50 (0%) 0/350 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/348 (0%)	Mean 0%	SD 0%
		` ,						
#Intestine Small: Site Uns Polyp Adenomatous	pecified:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)		00.007		0/50 (0%)		05 00/
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
Islets, Pancreatic: Adenoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	1/50 (2%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				1/49 (2%)		
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 0.98%	Total	2/345 (0.58%)	Mean 0.58%	SD 0.99%
*Islets, Pancreatic: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		2/50 (4%)				1/49 (2%)		
Overall Incidence	Total	3/350 (0.86%)	Mean 0.86%	SD 1.57%	Total	1/345 (0.29%)	Mean 0.29%	SD 0.77%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 22

			Male				Female	
*Islets, Pancreatic: Carcinoma or Adenoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	1/50 (2%)
		0/50 (0%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		2/50 (4%)				2/49 (4%)		
Overall Incidence	Total	5/350 (1.43%)	Mean 1.43%	SD 1.9%	Total	3/345 (0.87%)	Mean 0.87%	SD 1.6%
*Kidney: Renal Tubule: Adenoma								
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/49 (2%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	4/350 (1.14%)	Mean 1.14%	SD 1.07%	Total	1/345 (0.29%)	Mean 0.29%	SD 0.77%
*Kidney: Renal Tubule: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/345 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma								
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/49 (2%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	4/350 (1.14%)	Mean 1.14%	SD 1.07%	Total	1/345 (0.29%)	Mean 0.29%	SD 0.77%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 23

			Male				Female	
*Kidney: Renal Tubule: Hemangioma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/345 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Hemangiosarcoma								
-		0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/345 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Plasma Cell Tumor Malig	nant							
_		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/345 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Sarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/345 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Report Date: 05/04/2011

Page: 24

			Male				Female	
*Liver: Fibrous Histiocytoma								
•		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%
*Liver: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/347 (0.29%)	Mean 0.29%	SD 0.76%
*Liver: Hemangiosarcoma								
		9/50 (18%)	1/50 (2%)	5/50 (10%)		0/50 (0%)	0/49 (0%)	1/50 (2%)
		5/50 (10%)	6/50 (12%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		1/50 (2%)				0/49 (0%)		
Overall Incidence	Total	27/350 (7.71%)	Mean 7.71%	SD 6.58%	Total	1/347 (0.29%)	Mean 0.29%	SD 0.76%
*Liver: Hepatoblastoma								
•		3/50 (6%)	3/50 (6%)	0/50 (0%)		1/50 (2%)	0/49 (0%)	0/50 (0%)
		4/50 (8%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		2/50 (4%)				0/49 (0%)		
Overall Incidence	Total	14/350 (4%)	Mean 4%	SD 2.83%	Total	1/347 (0.29%)	Mean 0.29%	SD 0.76%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 25

			Male				Female	
*Liver: Hepatocellular Adenoma								
		31/50 (62%) 26/50 (52%) 22/50 (44%)	24/50 (48%) 29/50 (58%)	27/50 (54%) 22/50 (44%)		17/50 (34%) 6/50 (12%) 3/49 (6%)	11/49 (22%) 17/50 (34%)	8/50 (16%) 13/49 (27%)
Overall Incidence	Total	181/350 (51.71%)	Mean 51.71%	SD 6.87%	Total	75/347 (21.61%)	Mean 21.59%	SD 10.77%
*Liver: Hepatocellular Carcinoma								
·		22/50 (44%) 14/50 (28%) 17/50 (34%)	8/50 (16%) 22/50 (44%)	20/50 (40%) 13/50 (26%)		9/50 (18%) 1/50 (2%) 2/49 (4%)	3/49 (6%) 6/50 (12%)	3/50 (6%) 5/49 (10%)
Overall Incidence	Total	116/350 (33.14%)	Mean 33.14%	SD 10.45%	Total	29/347 (8.36%)	Mean 8.34%	SD 5.46%
*Liver: Hepatocellular Carcinoma	or Hepatob	olastoma						
.,		24/50 (48%) 16/50 (32%) 19/50 (38%)	11/50 (22%) 22/50 (44%)	20/50 (40%) 13/50 (26%)		10/50 (20%) 1/50 (2%) 2/49 (4%)	3/49 (6%) 6/50 (12%)	3/50 (6%) 5/49 (10%)
Overall Incidence	Total	125/350 (35.71%)	Mean 35.71%	SD 9.48%	Total	30/347 (8.65%)	Mean 8.63%	SD 6.07%
*Liver: Hepatocellular Carcinoma			•••••					
.,		39/50 (78%) 33/50 (66%) 34/50 (68%)	28/50 (56%) 38/50 (76%)	38/50 (76%) 29/50 (58%)		20/50 (40%) 7/50 (14%) 4/49 (8%)	13/49 (27%) 20/50 (40%)	10/50 (20%) 17/49 (35%)
Overall Incidence	Total	239/350 (68.29%)	Mean 68.29%	SD 8.9%	Total	91/347 (26.22%)	Mean 26.2%	SD 12.69%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Control Animal Groups Report Date: 05/04/2011
AGE

Page: 26

			Male			Female	
*Liver: Hepatocellular Carcinom	a, Hepatocell	lular Adenoma, or Hepato	blastoma				
•		39/50 (78%) 34/50 (68%) 34/50 (68%)	30/50 (60%) 38/50 (76%)	38/50 (76%) 29/50 (58%)	20/50 (40 ^o 7/50 (14 ^o 4/49 (8 ^o	%) 20/50 (40%)	10/50 (20%) 17/49 (35%)
Overall Incidence	Total	242/350 (69.14%)	Mean 69.14%	SD 7.99%	Total 91/347 (26.22%	Mean 26.2%	SD 12.69%
*Liver: Hepatocholangiocarcino	ma						
		0/50 (0%) 0/50 (0%) 1/50 (2%)	2/50 (4%) 0/50 (0%)	4/50 (8%) 0/50 (0%)	0/50 (0' 0/50 (0' 0/49 (0'	, , ,	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	7/350 (2%)	Mean 2%	SD 3.06%	Total 0/347 (0%)	Mean 0%	SD 0%
*Liver: Hepatocholangioma							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	,	%) 0/49 (0%) %) 0/50 (0%) %)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total 0/347 (0%)	Mean 0%	SD 0%
*Liver: Ito Cell Tumor Benign							
v		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0' 0/50 (0' 0/49 (0'	, , ,	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total 0/347 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Page: 27

Report Date: 05/04/2011

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

			Male				Female	
*Liver: Ito Cell Tumor Malignant	t							
		0/50 (0%) 2/50 (4%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 1.51%	Total	0/347 (0%)	Mean 0%	SD 0%
*Liver: Plasma Cell Tumor Malig								
•		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%
*Liver: Sarcoma							•••••	
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	1/50 (2%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/347 (0.29%)	Mean 0.29%	SD 0.76%
*Lung: Alveolar/Bronchiolar Ade							•••••	
		8/50 (16%) 8/50 (16%) 5/50 (10%)	6/50 (12%) 11/50 (22%)	9/50 (18%) 6/50 (12%)		0/50 (0%) 4/50 (8%) 3/49 (6%)	4/48 (8%) 2/50 (4%)	2/50 (4%) 1/49 (2%)
Overall Incidence	Total	53/350 (15.14%)	Mean 15.14%	SD 4.14%	Total	16/346 (4.62%)	Mean 4.64%	SD 3.06%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 28

			Male				Female	
*Lung: Alveolar/Bronchiolar Ca	arcinoma							
		11/50 (22%) 5/50 (10%) 3/50 (6%)	2/50 (4%) 2/50 (4%)	2/50 (4%) 3/50 (6%)		1/50 (2%) 2/50 (4%) 0/49 (0%)	0/48 (0%) 0/50 (0%)	2/50 (4%) 2/49 (4%)
Overall Incidence	Total	28/350 (8%)	Mean 8%	SD 6.53%	Total	7/346 (2.02%)	Mean 2.01%	SD 2.01%
*Lung:		reolar/Bronchiolar Adenor		•••••				
		17/50 (34%) 13/50 (26%) 7/50 (14%)	7/50 (14%) 13/50 (26%)	11/50 (22%) 9/50 (18%)		1/50 (2%) 6/50 (12%) 3/49 (6%)	4/48 (8%) 2/50 (4%)	4/50 (8%) 3/49 (6%)
Overall Incidence	Total	77/350 (22%)	Mean 22%	SD 7.3%	Total	23/346 (6.65%)	Mean 6.65%	SD 3.23%
*Lung: Fibrosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/346 (0%)	Mean 0%	SD 0%
*Lung: Fibrous Histiocytoma								
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 29

			Male				Female	
*Lung: Hemangiosarcoma								
		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 0.98%	Total	0/346 (0%)	Mean 0%	SD 0%
*Lung: Plasma Cell Tumor Malig	ynant	•••••					•••••	
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/346 (0%)	Mean 0%	SD 0%
*Lung: Sarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/346 (0%)	Mean 0%	SD 0%
#Lymph Node: Fibrous Histiocytoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 30

			Male				Female	
#Lymph Node: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Lymph Node: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Lymph Node: Plasma Cell Tumor Mali	ignant							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Lymph Node: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female #Lymph Node, Bronchial:** Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0% **#Lymph Node, Mandibular: Fibrous Histiocytoma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)(0%)0/49 0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)(0%)0/50 0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0% #Lymph Node, Mandibular: Hemangiosarcoma 0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/49 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) SD 0% Mean 0% #Lymph Node, Mandibular: **Mast Cell Tumor Malignant** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0%

Page: 31

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 32

			Male				Female	
#Lymph Node, Mandibular: Plasma Cell Tumor Maligna	ant							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Fibrous Histiocytoma				•••••				
·		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangioma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangiosarcoma	•••••							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 33

Report Date: 05/04/2011

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

			Male				Female				
#Lymph Node, Mesenteric: Plasma Cell Tumor Malignant											
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)			
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%			
#Mammary Gland: Adenoacanthoma								•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 1/49 (2%)			
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.77%			
#Mammary Gland: Adenoma								•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)			
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%			
#Mammary Gland: Carcinoma											
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 1/50 (2%)	0/50 (0%) 1/49 (2%)			
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	2/348 (0.57%)	Mean 0.58%	SD 0.99%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Page: 34 Report Date: 05/04/2011

			Male				Female	
#Mammary Gland: Carcinoma or Adenoma	1							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/49 (2%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	2/348 (0.57%)	Mean 0.58%	SD 0.99%
#Mammary Gland: Fibroadenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Mammary Gland: Fibroma, Fibroadenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Mammary Gland: Fibroma, Fibroadenoma								
•	,	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/49 (2%)
							(/	(/
		0/50 (0%)	` ,			0/50 (0%)		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Report Date: 05/04/2011

Page: 35

			Male				Female	
#Mesentery: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Mesentery: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Mesentery: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Mesentery: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	(/	(/		0/50 (0%)	` '	` ,
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 36

			Male		Female						
*Nose: Hemangiosarcoma											
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)			
Overall Incidence	Total	0/349 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%			
*Nose: Mast Cell Tumor Malig	nant	•••••	•••••								
_		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)			
Overall Incidence	Total	0/349 (0%)	Mean 0%	SD 0%	Total	0/347 (0%)	Mean 0%	SD 0%			
#Oral Cavity (Oral Mucos Squamous Cell Carcine	sa, Tongue, Phar										
		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)			
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%			
#Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingiva): Squamous, or Papilloma									
	, ,	0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)			
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 37

			Mal	е				Female	
#Oral Mucosa: Squamous Cell Carcinoma	1								
		0/50 (0%)	0/50 (0	,	(0%)		1/50 (2%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (09	%) 0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%		Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
*Ovary: Choriocarcinoma				•••••					
							1/50 (2%)	0/48 (0%)	0/49 (0%)
							0/50 (0%)	0/50 (0%)	0/49 (0%)
							0/49 (0%)		
Overall Incidence						Total	1/345 (0.29%)	Mean 0.29%	SD 0.76%
*Ovary: Cystadenocarcinoma									
							0/50 (0%)	0/48 (0%)	0/49 (0%)
							0/50 (0%)	0/50 (0%)	0/49 (0%)
							0/49 (0%)		
Overall Incidence						Total	0/345 (0%)	Mean 0%	SD 0%
*Ovary: Cystadenoma									
-							2/50 (4%)	3/48 (6%)	5/49 (10%)
							2/50 (4%)	1/50 (2%)	1/49 (2%)
							2/49 (4%)		
Overall Incidence						Total	16/345 (4.64%)	Mean 4.65%	SD 2.84%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 38

Report Date: 05/04/2011

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: **Fibrous Histiocytoma** 0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)(0%)0/49 (0%)Mean 0% **Overall Incidence** Total 0/345 (0%) SD 0% *Ovary: **Granulosa Cell Tumor Benign** 0/50 (0%)0/48 (0%)0/49 (0%)(0%)0/50 0/50 (0%)(2%)0/49 (0%)**Overall Incidence** Total 1/345 (0.29%) Mean 0.29% SD 0.77% **Granulosa Cell Tumor Malignant** 0/50 0/49 (0%)0/48 (0%)(0%)0/50 (0%)0/50 (0%)0/49 (0%)(0%)0/49 **Overall Incidence** Total 0/345 (0%) Mean 0% SD 0% *Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS 0/50 (0%)0/48 0/49 (0%)(0%)0/50 (0%)0/50 (0%)1/49 (2%)0/49 (0%)**Overall Incidence** 1/345 (0.29%) Total Mean 0.29% SD 0.77%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 39

Report Date: 05/04/2011

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Hemangioma 0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)(2%)1/49 (2%)**Overall Incidence** Total 2/345 (0.58%) Mean 0.58% SD 1% *Ovary: Hemangiosarcoma 1/50 (2%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)1/49 (2%)(0%)0/49 **Overall Incidence** Total 2/345 (0.58%) Mean 0.58% SD 0.99% *Ovary: Luteoma 0/50 0/48 (2%)(0%)(0%)1/49 1/50 (2%)0/50 (0%)0/49 (0%)0/49 (0%)**Overall Incidence** 2/345 (0.58%) Mean 0.58% SD 0.99% Total *Ovary: **Plasma Cell Tumor Malignant** 0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/49 (0%)**Overall Incidence** Total 0/345 (0%) Mean 0% SD 0%

.....

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Overall Incidence

Overall Incidence

*Pancreas: Adenoma

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 40

Mean 0.29%

Mean 0%

(0%)

(0%)

0/47

0/50

SD 0.76%

SD 0%

(0%)

(0%)

0/49

0/49

Report Date: 05/04/2011

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Teratoma Benign 0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)(0%)1/49 (2%)**Overall Incidence** Total 1/345 (0.29%) Mean 0.29% SD 0.77% *Ovary: **Teratoma Malignant** 0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/49 (0%)**Overall Incidence** Total 0/345 (0%) Mean 0% SD 0% **Tubulostromal Adenoma** 0/50 0/49 (0%)0/48 (0%)(0%)0/50 (0%)1/50 (2%)0/49 (0%)0/49 (0%)

0/50

0/50

SD 0%

(0%)

(0%)

1/345 (0.29%)

0/50

0/50

0/49

0/344 (0%)

(0%)

(0%)

(0%)

Total

Total

Total

0/50

0/50

0/50

0/350 (0%)

(0%)

(0%)

(0%)

0/50

0/50

Mean 0%

.....

(0%)

(0%)

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 41

Report Date: 05/04/2011

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Pancreas: Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/47 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/49 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/344 (0%) Mean 0% SD 0% *Pancreas: Carcinoma or Adenoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/47 (0%)0/49 (0%)(0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)(0%)0/50 0/49 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/344 (0%) Mean 0% SD 0% *Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma 0/49 0/49 2/50 (0%)0/50 (0%)(0%)4/50 (8%)4/47 (9%)(4%)0/49 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/48 (0%)2/49 (4%)0/49 (0%)(2%)1/49 **Overall Incidence** Total 0/346 (0%) Mean 0% SD 0% Total 14/343 (4.08%) Mean 4.09% SD 3.17% *Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma 0/49 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/47 0/50 (0%)(0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/48 (0%)0/49 (0%)0/49 (0%)0/49 (0%)**Overall Incidence** Total 0/346 (0%) Mean 0% SD 0% Total 0/343 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 42

			Male				Female				
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma											
		0/49 (0%)	0/50 (0%)	0/49 (0%)		4/50 (8%)	4/47 (9%)	2/50 (4%)			
		0/49 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/48 (0%)	2/49 (4%)			
		0/49 (0%)				1/49 (2%)					
Overall Incidence	Total	0/346 (0%)	Mean 0%	SD 0%	Total	14/343 (4.08%)	Mean 4.09%	SD 3.17%			
Pituitary Gland: Pars Int Adenoma											
		0/49 (0%)	0/50 (0%)	1/49 (2%)		1/50 (2%)	0/47 (0%)	1/50 (2%)			
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/49 (0%)			
		0/49 (0%)				0/49 (0%)					
Overall Incidence	Total	1/346 (0.29%)	Mean 0.29%	SD 0.77%	Total	2/343 (0.58%)	Mean 0.57%	SD 0.98%			
Pituitary Gland: Pars Int Carcinoma or Adenom	termedia:										
		0/49 (0%)	0/50 (0%)	1/49 (2%)		1/50 (2%)	0/47 (0%)	1/50 (2%)			
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/49 (0%)			
		0/49 (0%)				0/49 (0%)					
Overall Incidence	Total	1/346 (0.29%)	Mean 0.29%	SD 0.77%	Total	2/343 (0.58%)	Mean 0.57%	SD 0.98%			
*Prostate: Adenoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)							
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)							
Overall Incidence	Total	` '	Mean 0%	SD 0%							
Overall illuluellue	TULAI	0/350 (0%)	IVIEALL 070	3D 0%							

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 43

			Male				Female	
*Prostate: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%				
*Prostate: Hemangioma								
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%				
*Salivary Glands: Adenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 1/50 (2%)	0/49 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/346 (0.29%)	Mean 0.29%	SD 0.76%
*Salivary Glands: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 1/50 (2%)	0/49 (0%) 0/49 (0%)
Overall Incidence	Total	0/50 (0%) 0/350 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 1/346 (0.29%)	Mean 0.29%	SD 0.76%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 44

			Male				Female	
*Salivary Glands: Mast Cell Tumor Malignant								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/49 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/346 (0%)	Mean 0%	SD 0%
#Seminal Vesicle: Adenoma					•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%				
#Skeletal Muscle: Fibrosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Hemangiosarcoma								
-		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/50 (0%) 1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/50 (0%) 1/348 (0.29%)	Mean 0.29%	SD 0.76%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 45

			Male				Female	
#Skeletal Muscle: Myxosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Rhabdomyosarcoma				•••••				
·		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)		0/50 (0%) 0/50 (0%) 2/50 (4%)	0/49 (0%) 0/50 (0%)	3/50 (6%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	5/348 (1.44%)	Mean 1.43%	SD 2.51%
#Skeletal Muscle: Rhabdomyosarcoma or				•••••				
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)		0/50 (0%) 0/50 (0%) 2/50 (4%)	0/49 (0%) 0/50 (0%)	3/50 (6%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	5/348 (1.44%)	Mean 1.43%	SD 2.51%
#Skeletal Muscle: Sarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 46

			Male				Female					
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign												
	·	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%				
#Skin:		umor Benign, or Trichoer										
	1	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%				
#Skin: Basal Cell Carcinoma												
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%				
#Skin: Basal Cell Carcinoma	or Basosquamou	s Tumor (malignant or N	OS)									
	·	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		1/50 (2%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)				
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 47

			ı	Vlale						F	emale		
#Skin: Basal Cell Carcinoma, I NOS), or Trichoepitheli		oma, Basosquamous T	Tumor (benign,	malignan	t or	,							
, .		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)		1/50 1/50 0/50	(2%) (2%) (0%)	0/49 0/50	(0%) (0%)	0/50 0/49	(0%) (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0		SD 0%		Total	2/348 (0.	57%)		0.57%	SD 0.	98%
#Skin:													
Basal or Sq. Cell Carcir Adenoma, Papilloma, S	noma, Carcinom iq Papilloma, Ke	a, Basosq. Tumor (M o ratoacanthoma, Tricho	or B), Basal Cell pepithelioma	Adenom	a,								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)		1/50 1/50 1/50	(2%) (2%) (2%)	0/49 1/50	(0%) (2%)	0/50 0/49	(0%) (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0		SD 0%		Total	4/348 (1.	15%)		1.14%	SD 1.	07%
#Skin: Basosquamous Tumor													
·	-	0/50 (0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%) 0/50 (0%)	0/50	(0%)	0/50	(0%)		1/50 0/50	(2%) (0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/350 (0%)	Mean 0		SD 0%		Total	1/348 (0.	,		0.29%	SD 0.	
#Skin: Fibroma													
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)		0/50 1/50 0/50	(0%) (2%) (0%)	0/49 0/50	(0%) (0%)	0/50 0/49	(0%) (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0	1%	SD 0%		Total	1/348 (0.	` ,	Mean	0.29%	SD 0.	76%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Report Date: 05/04/2011

			Male				Female	
#Skin:				,				
Fibroma, Fibrosarcoma	a, Sarcoma, Myx	coma, Myxosarcoma, or F	ibrous Histiocytoma					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	3/49 (6%)	0/50 (0%)
		1/50 (2%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		2/50 (4%) 1/50 (2%)	2/50 (4%)	2/49 (4%)
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 0.98%	Total	13/348 (3.74%)	Mean 3.74%	SD 2.16%
#Skin: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	2/50 (4%)	1/49 (2%)
		1/50 (2%)				1/50 (2%)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	5/348 (1.44%)	Mean 1.43%	SD 1.51%
#Skin:								
Fibrosarcoma, Sarcom	na, Myxosarcom	a, or Fibrous Histiocytom	a					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	3/49 (6%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	2/50 (4%)	2/49 (4%)
		1/50 (2%)				1/50 (2%)		
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 0.98%	Total	13/348 (3.74%)	Mean 3.74%	SD 2.16%
#Skin: Fibrous Histiocytoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/49 (2%)
		0/50 (0%)	0/00 (0/0)	0/00 (0/0)		0/50 (0%)	3/30 (0/0)	1,40 (270)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.77%
Overall illelidelide	ı Ulal	0/330 (0/0)	IVICALI U/0	30 0/0	i Otai	1/340 (0.23/0)	MEAN 0.23/0	GD 0.7770

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 05/04/2011

			Male				Female	
#Skin: Granular Cell Tumor Bei	nian							
	3	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Hemangioma	•••••							
_		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Skin: Hemangiosarcoma								
-		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	1/49 (2%)	0/50 (0%)
		1/50 (2%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	4/350 (1.14%)	Mean 1.14%	SD 1.07%	Total	2/348 (0.57%)	Mean 0.58%	SD 0.99%
#Skin: Keratoacanthoma	•••••							•••••
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	1/50 (2%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 50

			Male				Female	
#Skin: Lipoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Mast Cell Tumor Benign								
J		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Mast Cell Tumor Malignant								
•		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Melanoma Benign								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

VAGE DRN OII

Page: 51

			Male				Female	
#Skin: Melanoma Malignant								
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Skin: Myxosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Neural Crest Tumor								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Neurofibroma or Schwan								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	(/	()		0/50 (0%)	` '	,
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Report Date: 05/04/2011

			Male				Female	
#Skin:								
Neurofibrosarcoma or	Schwannoma (n	nalignant or NOS)						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/49 (4%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	3/348 (0.86%)	Mean 0.87%	SD 1.6%
#Skin:								
Neurofibrosarcoma, N	eurofibroma, or	Schwannoma (benign, ma	alignant or NOS)					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/49 (4%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	3/348 (0.86%)	Mean 0.87%	SD 1.6%
#Skin: Osteosarcoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	3/49 (6%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	3,33 (3,70)	(0.00		0/50 (0%)	5,00 (0,0)	·· (0 / 0)
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	7/348 (2.01%)	Mean 2.02%	SD 2.86%
Jacian includence	I Olai	1/330 (0.2970)	WIGGIT 0.2370	GD 0.7078	i Otai	77546 (2.0176)	WICAII 2.02/0	GD 2.00%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

0/50

0/50

0/50

0/350 (0%)

(0%)

(0%)

(0%)

0/50

0/50

Mean 0%

(0%)

(0%)

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female** #Skin: Schwannoma Benign 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 0/348 (0%) Mean 0% SD 0% #Skin: Schwannoma Malignant 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)2/49 (4%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 0/350 (0%) Mean 0% SD 0% Total 3/348 (0.86%) Mean 0.87% SD 1.6% Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)Mean 0.29% Overall Incidence Total 0/350 (0%) Mean 0% SD 0% Total 1/348 (0.29%) SD 0.76% #Skin: **Squamous Cell Papilloma**

0/50

0/50

SD 0%

(0%)

(0%)

0/50

0/50

1/50

1/348 (0.29%)

Total

(0%)

(0%)

(2%)

0/49

0/50

(0%)

(0%)

Mean 0.29%

Total

Overall Incidence

Page: 53

Report Date: 05/04/2011

0/50

0/49

SD 0.76%

(0%)

(0%)

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Report Date: 05/04/2011

			Male				Female	
#Skin: Squamous Cell Papillor	na or Papilloma							
	•	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	1/348 (0.29%)	Mean 0.29%	SD 0.76%
#Skin:						•••••		
Squamous Cell Papillor	na, Papilloma, S	quamous Cell Carcino	ma or Keratoacanthoma					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/49 (0%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	2/348 (0.57%)	Mean 0.57%	SD 0.98%
#Skin:								
Squamous Cell Papillor	na, Papilloma, o	r Keratoacanthoma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/49 (0%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	2/348 (0.57%)	Mean 0.57%	SD 0.98%
#Skin: Trichoepithelioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	(-,0)	2, 2 2 (2, 0)		0/50 (0%)	(-,-)	(-,-)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Page: 55

Report Date: 05/04/2011

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
#Skin: Sebaceous Gland: Adenoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Carcinoma							•••••	
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Spinal Cord: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%

......

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Report Date: 05/04/2011

			Male				Female	
#Spinal Cord: Meningioma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
*Spleen: Fibrous Histiocytoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/49 (0%)
		0/49 (0%)	0/48 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/347 (0%)	Mean 0%	SD 0%	Total	0/343 (0%)	Mean 0%	SD 0%
*Spleen: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/48 (0%)	0/49 (0%)
		0/49 (0%)	0/48 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/347 (0%)	Mean 0%	SD 0%	Total	0/343 (0%)	Mean 0%	SD 0%
*Spleen: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	2/50 (4%)		1/50 (2%)	1/48 (2%)	0/49 (0%)
		1/49 (2%)	3/48 (6%)	2/50 (4%)		0/49 (0%)	0/49 (0%)	1/49 (2%)
		2/50 (4%)				0/49 (0%)		
Overall Incidence	Total	10/347 (2.88%)	Mean 2.9%	SD 2.32%	Total	3/343 (0.87%)	Mean 0.87%	SD 1.09%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

control Animal Groups Report Date: 05/04/2011

			Male				Female	
*Spleen: Mast Cell Tumor Malignar	nt							
_		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/5	0%)	0/48 (0%)	1/49 (2%)
		0/49 (0%)	0/48 (0%)	0/50 (0%)	0/4	` ,	0/49 (0%)	0/49 (0%)
		0/50 (0%)			0/4	` ,		
Overall Incidence	Total	0/347 (0%)	Mean 0%	SD 0%		(0.29%)	Mean 0.29%	SD 0.77%
*Spleen: Plasma Cell Tumor Maligr								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/5	0%)	0/48 (0%)	0/49 (0%)
		0/49 (0%)	0/48 (0%)	0/50 (0%)	0/4	9 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)			0/4	9 (0%)		
Overall Incidence	Total	0/347 (0%)	Mean 0%	SD 0%		3 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Mast Cell Tumor Malignar								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/5	0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/5	` '	0/50 (0%)	0/49 (0%)
		0/50 (0%)			0/5	` ,		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%		3 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinom								
•		0/50 (0%)	0/50 (0%)	1/50 (2%)	0/5	0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)	0/5	0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)			0/5	0%)		
Overall Incidence	Total	2/350 (0.57%)	Mean 0.57%	SD 0.98%	Total 0/34	3 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: CORN OIL

Page: 58

			Male				Female					
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous												
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	9/50 (18%) 1/50 (2%)		2/50 (4%) 1/50 (2%)	1/49 (2%) 1/50 (2%)	3/50 (6%) 2/49 (4%)				
Overall Incidence	Total	1/50 (2%) 12/350 (3.43%)	Mean 3.43%	SD 6.5%	Total	2/50 (4%) 12/348 (3.45%)	Mean 3.45%	SD 1.51%				
#Stomach, Forestomach: Squamous Cell Papilloma												
oquamous con rapmoma		0/50 (0%)	0/50 (0%)	8/50 (16%)		2/50 (4%)	1/49 (2%)	3/50 (6%)				
		0/50 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	2/49 (4%)				
		1/50 (2%)				2/50 (4%)						
Overall Incidence	Total	10/350 (2.86%)	Mean 2.86%	SD 5.87%	Total	12/348 (3.45%)	Mean 3.45%	SD 1.51%				
#Stomach, Glandular: Adenoma												
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/49 (2%)	1/50 (2%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)				
		0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	2/348 (0.57%)	Mean 0.58%	SD 0.99%				
#Stomach, Glandular: Carcinoma or Adenoma												
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/49 (2%)	1/50 (2%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)				
		0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	2/348 (0.57%)	Mean 0.58%	SD 0.99%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 59

			Male				Female	
*Testes: Adenoma								
		1/50 (2%) 0/50 (0%) 0/50 (0%)	2/50 (4%) 0/50 (0%)	1/50 (2%) 0/50 (0%)				
Overall Incidence	Total	4/350 (1.14%)	Mean 1.14%	SD 1.57%				
*Thymus: Thymoma Benign					•••••			
		0/50 (0%) 0/47 (0%) 0/41 (0%)	0/48 (0%) 0/48 (0%)	0/48 (0%) 0/49 (0%)		0/50 (0%) 0/49 (0%) 1/48 (2%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/48 (0%)
Overall Incidence	Total	0/331 (0%)	Mean 0%	SD 0%	Total	1/342 (0.29%)	Mean 0.3%	SD 0.79%
*Thymus: Thymoma Malignant								
		0/50 (0%) 0/47 (0%) 0/41 (0%)	0/48 (0%) 0/48 (0%)	0/48 (0%) 0/49 (0%)		0/50 (0%) 0/49 (0%) 0/48 (0%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/48 (0%)
Overall Incidence	Total	0/331 (0%)	Mean 0%	SD 0%	Total	0/342 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma: Benign, Malign	ant, NOS				•••••			
		0/50 (0%) 0/47 (0%) 0/41 (0%)	0/48 (0%) 0/48 (0%)	0/48 (0%) 0/49 (0%)		0/50 (0%) 0/49 (0%) 1/48 (2%)	0/47 (0%) 0/50 (0%)	0/50 (0%) 0/48 (0%)
Overall Incidence	Total	0/331 (0%)	Mean 0%	SD 0%	Total	1/342 (0.29%)	Mean 0.3%	SD 0.79%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Page: 60

Report Date: 05/04/2011

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

0/49

0/50

1/50

1/349 (0.29%)

0/49

0/50

0/50

1/349 (0.29%)

(0%)

(0%)

(2%)

(0%)

(0%)

(0%)

0/50

0/50

0/50

1/50

Mean 0.29%

Mean 0.29%

(0%)

(0%)

(0%)

(2%)

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female** *Thyroid Gland: C-Cell: Carcinoma 0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)1/50 (2%)0/49 (0%)**Overall Incidence** Total 1/349 (0.29%) Mean 0.29% SD 0.76% Total 0/345 (0%) Mean 0% SD 0%

0/50

0/50

SD 0.76%

0/50

0/50

SD 0.76%

.....

(0%)

(0%)

(0%)

(0%)

0/49

0/50

0/49

0/49

1/50

0/49

2/345 (0.58%)

0/345 (0%)

Total

Total

(0%)

(0%)

(0%)

(0%)

(2%)

(0%)

0/48

0/50

0/48

0/50

(0%)

(0%)

(0%)

(0%)

Mean 0%

Mean 0.58%

0/50

0/49

0/50

1/49

SD 0%

SD 0.99%

(0%)

(0%)

(0%)

(2%)

*Thyroid	Gland:	Follicular	Cell:
Adana	ma		

*Thyroid Gland: C-Cell: Carcinoma or Adenoma

Λu	CII	OII	ıa	

Overall Incidence

Overall Incidence

*Thyroid Gland: Follicular Carcinoma	Cell:												
		0/49 (0%)	1/50	(2%)	0/50	(0%)		0/49	(0%)	0/48	(0%)	0/50	(0%)
		1/50 (2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/49	(2%)
		0/50 (0%)	1					2/49	(4%)				
Overall Incidence	Total	2/349 (0.57%)	Mean (0.57%	SD 0.989	%	Total	3/345 (0.	87%)	Mean	0.87%	SD 1.	61%

.....

Total

Total

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: CORN OIL

Page: 61

			Male			Female	
*Thyroid Gland: Follicular Cel Carcinoma or Adenoma	II:						
		0/49 (0%) 1/50 (2%) 0/50 (0%)	1/50 (2%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	1/50 (2	%) 0/48 (0%) %) 0/50 (0%) %)	0/50 (0%) 2/49 (4%)
Overall Incidence	Total	3/349 (0.86%)	Mean 0.86%	SD 1.07%	Total 5/345 (1.45%	Mean 1.45%	SD 1.94%
#Tissue NOS: Fibrosarcoma		••••••		•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0	%) 0/49 (0%) %) 0/50 (0%) %)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total 0/348 (0%)	Mean 0%	SD 0%
#Tissue NOS: Hemangiosarcoma							
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0	%) 0/49 (0%) %) 0/50 (0%) %)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total 0/348 (0%)	Mean 0%	SD 0%
#Tissue NOS: Plasma Cell Tumor Maligna		••••••		•••••			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0	%) 0/49 (0%) %) 0/50 (0%) %)	0/50 (0%) 0/49 (0%)
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total 0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 62

			Male				Female	
#Tissue NOS: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/50 (0%) 0/350 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/348 (0%)	Mean 0%	SD 0%
#Tongue: Fibroma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/350 (0%)	Mean 0%	SD 0%	Total	0/348 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Carcino								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Carcino								
	•	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Page: 63

			Male				Female	
#Tooth: Odontoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	5/50 (10%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	1/50 (2%) 6/350 (1.71%)	Mean 1.71%	SD 3.73%	Total	0/50 (0%) 0/348 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Hemangiosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/349 (0%)	Mean 0%	SD 0%	Total	0/345 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Plasma Cell Tumor Mali								
	_	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/349 (0%)	Mean 0%	SD 0%	Total	0/345 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Sarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/349 (0%)	Mean 0%	SD 0%	Total	0/345 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 64

Report Date: 05/04/2011

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female #Uterus:** Adenoma 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0% #Uterus: Carcinoma 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 0/50 (0%)(0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0% #Uterus: Hemangiosarcoma 0/50 0/49 0/50 (0%)(0%)(0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0% **#Uterus:** Leiomyoma 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 65

Report Date: 05/04/2011

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Male **Female #Uterus:** Leiomyosarcoma 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)Mean 0% **Overall Incidence** Total 0/348 (0%) SD 0% #Uterus: **Polyp Stromal** 1/50 (2%)0/49 (0%)2/50 (4%)0/50 (0%)0/49 0/50 (0%)(0%)0/50 (0%)**Overall Incidence** Total 3/348 (0.86%) Mean 0.86% SD 1.57% #Uterus: Sarcoma 0/50 0/49 0/50 (0%)(0%)(0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0% **#Uterus:** Sarcoma Stromal 1/50 (2%)1/49 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 2/348 (0.57%) Mean 0.58% SD 0.99%

.....

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 66

Report Date: 05/04/2011

Route: GAVAGE
Vehicle: CORN OIL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Uterus:** Sarcoma Stromal or Polyp Stromal 2/50 (4%)1/49 (2%)2/50 (4%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)**Overall Incidence** 5/348 (1.44%) Mean 1.43% Total SD 1.9% #Uterus: **Schwannoma Malignant** 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 0/50 (0%)(0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0% #Vagina: Liposarcoma 0/50 0/49 0/50 (0%)(0%)(0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0% #Vagina: **Squamous Cell Papilloma** 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)**Overall Incidence** Total 0/348 (0%) Mean 0% SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE Vehicle: CORN OIL

Length of Study: CHRONIC

Page: 67 Report Date: 05/04/2011

	Male					Female				
#Zymbal's Gland: Carcinoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)		
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)		
		0/50 (0%)	,	,		0/50 (0%)	,	,		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%		
#Zymbal's Gland: Carcinoma or Adenoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)		
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)		
		0/50 (0%)	(=77)	(1,1)		0/50 (0%)	(473)	(575)		
Overall Incidence	Total	1/350 (0.29%)	Mean 0.29%	SD 0.76%	Total	0/348 (0%)	Mean 0%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied